

## **Advanced National Seismic System**

### **Government Furnished Equipment Policy and Procedures**

This document establishes the policy and procedures of the U.S. Geological Survey's (USGS) Earthquake Hazards Program (EHP) regarding Government Furnished Equipment (GFE) supplied through the Advanced National Seismic System (ANSS). This policy aims to ensure a high level of standardization of the digitizers and sensors that are used within ANSS.

The Earthquake Hazards Reduction Act (P.L. 95–124 as amended) gives the USGS the Federal responsibility for providing notifications of earthquakes and its reauthorization in 2000 established the ANSS to modernize and expand the Nation's seismic monitoring infrastructure to provide accurate and timely data and information products for seismic events, including their effects on buildings and structures, employing modern monitoring methods and technologies.

The ANSS has established an instrument depot at the EHP's Albuquerque Seismological Laboratory (ASL). The goals of the ANSS Depot are to 1) reduce the number of spares through centralizing in a depot, 2) improve the ability to see trends in equipment failure, and 3) allow for ASL-repair of equipment, as possible.

The principal elements of the ANSS GFE policy are:

1. The request for and allocation of GFE shall be accomplished through the process established in each network's Cooperative Agreement with USGS or through a Memorandum of Understanding (MOU) with USGS.
2. USGS will consider GFE needs for ANSS participating networks that are not under a USGS Cooperative Agreement on a case-by-case basis.
3. GFE title remains vested in the U.S. Government while in the custody of the ANSS participating network.
4. If GFE fails or becomes obsolete the EHP will provide replacement equipment, subject to the availability of funds and the prioritization of ANSS needs.

The principal procedures for control and replacement of GFE are:

1. The USGS and each ANSS participating network shall prepare and verify an annual inventory of federally owned property in custody of the network institution. This property inventory is to include a listing of equipment serial numbers and deployment sites, when available.
2. When equipment furnished by the USGS to a participating network fails or otherwise becomes inoperable or obsolete, the custody network shall contact the ANSS Depot and request replacement units using the Webform: <https://dev-earthquake.cr.usgs.gov/monitoring/anss/depot/>

3. The ANSS Depot will provide the best replacement possible for the failed or obsolete equipment.
4. Once the ANSS Depot has sent replacements for failed or obsolete equipment, the participating network shall return the replaced equipment to the Depot with a completed equipment form within one week of replacement:

ANSS Regional Depot  
USGS Albuquerque Seismological Laboratory  
Target Road 10002 Isleta SE  
Kirtland AFB, NM 87117 USA

[anssdepot@usgs.gov](mailto:anssdepot@usgs.gov)

The custody network shall pay for shipping to the Depot; the Depot shall pay for shipping to the network. Shipments need not be insured.

5. Replacement of failed or obsolete non-GFE equipment must be requested through a short proposal to the ANSS Depot describing the failed equipment, the importance of the station to ANSS, and the proposed replacement. Requests will be evaluated on a case-by-case basis.